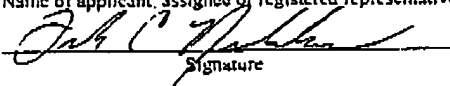


OFFICIAL**RECEIVED
CENTRAL FAX CENTER****JUN 22 2004**

Certificate of Facsimile
I hereby certify that this correspondence is being
transmitted by facsimile to (703) 872-9318 to the U S
Patent and Trademark Office June 21, 2004
(Date of Deposit)

FRANK C. NICHOLAS (33,983)
Name of applicant, assignee or registered representative

Signature
June 21, 2004
Date of Signature

PATENT
Case No. GP-302957
(2750/30)

IN THE UNITED STATES PATENT AND TRADE MARK OFFICE

In re patent application of:

BRIAN A. WIMS, ET AL.

Serial No.: 10/601,467

Filed: JUNE 23, 2003

For: SYSTEM BENCH WIRELESS
MAPPING BOARD

Examiner: NGUYEN, TAN Q.

Group Art Unit: 2829

RESPONSE TO OFFICE ACTION DATED MAY 24, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22202-1450

Dear Sirs:

This is a response to an Office Action dated May 24, 2004. Please amend the above-identified application as follows:

OFFICIAL

CARDINAL LAW GROUP

1603 Orrington Avenue/Suite 2000
Evanston, Illinois 60201
Telephone 847 - 905 - 7111
Facsimile 847 - 905 - 7113

Date: JUNE 21, 2004

To: EXAMINER TAN Q. NGUYEN
U.S. PATENT AND TRADEMARK OFFICE

Fax #: (703) 872-9318

From: FRANK C. NICHOLAS
Phone #: (847) 424-2521

Client/Matter No.: GP-302957 (2750/30)

of Pages: 13
(including cover sheet)

IF YOU HAVE ANY PROBLEMS RECEIVING THIS MESSAGE, PLEASE CALL 847/905-7111, Ext. 112 AND ASK FOR JENNIFER CRUZ.

THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. IT MAY CONTAIN PRIVILEGED, CONFIDENTIAL, ATTORNEY WORK PRODUCT, OR TRADE SECRET INFORMATION WHICH IS EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAWS. IF YOU ARE NOT THE INTENDED RECIPIENT, OR AN EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS MESSAGE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE (AND ALL COPIES) TO US BY MAIL AT THE ABOVE ADDRESS. WE WILL REIMBURSE YOU FOR POSTAGE.

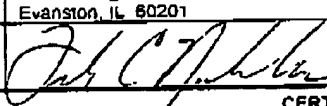
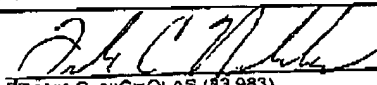
PTO/2002 (1-1-01) APPROVED FOR USE OTHER THAN: (1) Patent Office of U.S. DEPARTMENT OF COMMERCE
 under the Patent and Trademark Act of 1980; (2) persons and entities required to respond to a subpoena or court order; (3) persons and entities required to respond to a subpoena or court order.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Attorney Docket No.	GP-302957 (2750/30)
	Application Number	10/601,467
	Filing Date	JUNE 23, 2003
	First Named Inventor	BRIAN A. WIMS
	Group Art Unit	2829
	Examiner	NGUYEN, TAN Q

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response to Office Action Dated May 24, 2004 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Status Letter <input type="checkbox"/> Petition for Extension of Time Request (dupl.) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO-1449, art. <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawings: FIG. 5 Replacement Sheet <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Post Card Receipt <input type="checkbox"/> Additional Enclosure(s) (please identify below) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 50-1713. A duplicate copy of this sheet is enclosed.		
<input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 50-1713. A duplicate copy of this sheet is enclosed.		

CALCULATION OF FEE

				Small Entity		or		Large Entity	
	Claims After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee		Rate	Add'l Fee
Total		Minus		0	x \$9=	0		x \$18=	
Indep		Minus		0	x \$43	0		x \$86	
First Presentation of Multiple Dep. Claim					- \$145	-		+ \$290=	
					total add'l fee			total add'l fee	
					\$ 0			\$	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	FRANK C. NICHOLAS Registration No. 33,983 CARDINAL LAW GROUP 1603 Orrington Avenue, Suite 2000 Evanston, IL 60201		
Signature		Date	June 21, 2004
CERTIFICATE OF FACSIMILE			
I hereby certify that this correspondence is being transmitted by facsimile to (703) 872-9318 to the U.S. Patent and Trademark Office on this date			June 21, 2004
Signature	 FRANK C. NICHOLAS (33,983)	Date	June 21, 2004

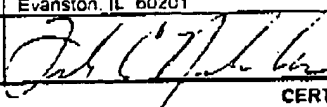
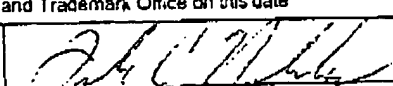
PTO FORM 1116 (Rev. 10/03) is to be used to transmit correspondence to the U.S. Patent and Trademark Office. It is to be used in conjunction with the U.S. Patent and Trademark Office's Electronic Case File (ECF) system. This form is to be used to transmit correspondence to the U.S. Patent and Trademark Office. It is to be used in conjunction with the U.S. Patent and Trademark Office's Electronic Case File (ECF) system.

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Attorney Docket No	GP-302957 (2750/30)
	Application Number	10/601,457
	Filing Date	JUNE 23, 2003
	First Named Inventor	BRIAN A. WIMS
	Group Art Unit	2829
	Examiner	NGUYEN, TAN Q

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response to Office Action Dated May 24, 2004 <input type="checkbox"/> Alter Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Status Letter <input type="checkbox"/> Petition for Extension of Time Request (duplic) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO-1449, 3n <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawings FIG. 5 Replacement Sheet <input type="checkbox"/> Alter Allowance Communication to Group <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Post Card Receipt <input type="checkbox"/> Additional Enclosure(s) (please identify below) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment, to Deposit Account No. 50-1713. A duplicate copy of this sheet is enclosed.		
<input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 50-1713. A duplicate copy of this sheet is enclosed.		

CALCULATION OF FEE

				Small Entity		Large Entity			
	Claims After Amendment		Highest No Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus		0	x \$9=	0		x \$18=	
Indep		Minus		0	x \$43	0		x \$86	
First Presentation of Multiple Dep. Claim					+ \$145	---		+ \$290=	
					total add'l fee	\$ 0		total add'l fee	\$

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or individual name	FRANK C. NICHOLAS Registration No. 33,983 CARDINAL LAW GROUP 1603 Orrington Avenue, Suite 2000 Evanston, IL 60201		
Signature			Date June 21, 2004
CERTIFICATE OF FACSIMILE			
I hereby certify that this correspondence is being transmitted by facsimile to (703) 872-9318 to the U.S. Patent and Trademark Office on this date:			June 21, 2004
Signature			Date June 21, 2004
FRANK C. NICHOLAS (33,983)			